Performance Data Sheet

VSC9526ZXG

General Information

Model	VSC9526ZXG	**Refrigerant**	R-404A
Test Condition	ARI	**Performance Test Voltage**	460V 3~ 60HZ
Return Gas	18.3°C (65°F) RETURN GAS	**Motor Type**	3PH

Performance Information

Evap Temp (°F)		Condensing Temperature (°F)						
		80	**90**	**100**	**110**	**120**	**130**	**140**
20	Btu/h	36400	33900	31300	28600	25800	22900	19900
	Watts	2300	2600	2940	3320	3750	4230	4760
	Amps	3.60	4.08	4.61	5.21	5.88	6.64	7.47
	Lb/h	576	569	562	554	544	533	521
25	Btu/h	40100	37400	34500	31600	28500	25300	22000
	Watts	2300	2600	2940	3320	3750	4220	4760
	Amps	3.60	4.08	4.61	5.21	5.88	6.63	7.46
	Lb/h	639	632	625	616	607	596	584
30	Btu/h	44200	41100	38000	34800	31400	28000	24400
	Watts	2290	2600	2930	3310	3740	4210	4740
	Amps	3.60	4.07	4.60	5.20	5.86	6.61	7.44
	Lb/h	708	701	693	684	675	665	653
35	Btu/h	48500	45100	41700	38200	34500	30800	26900
	Watts	2290	2590	2930	3310	3730	4200	4720
	Amps	3.60	4.07	4.60	5.19	5.85	6.58	7.41
	Lb/h	782	775	767	759	750	740	729
40	Btu/h	53100	49400	45600	41800	37800	33800	29600
	Watts	2300	2600	2930	3300	3710	4180	4700
	Amps	3.61	4.07	4.59	5.17	5.83	6.55	7.37
	Lb/h	863	856	848	840	831	821	811
45	Btu/h	57900	53900	49800	45700	41400	37000	32400
	Watts	2310	2600	2930	3290	3700	4160	4670
	Amps	3.63	4.08	4.59	5.17	5.81	6.53	7.33
	Lb/h	951	943	936	928	919	910	900
50	Btu/h	63100	58800	54300	49800	45200	40400	35500
	Watts	2330	2620	2940	3300	3700	4150	4650
	Amps	3.66	4.11	4.61	5.17	5.80	6.51	7.29
	Lb/h	1050	1040	1030	1020	1010	1010	997

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	3.617654E+04	7.880876E+02	1.236420E+00	3.592917E+02
C2	8.255046E+02	-8.050257E+00	-1.262994E-02	1.084828E+01

C3	-1.652692E+02	1.466452E+01	2.300697E-02	4.878941E-01
C4	7.344043E+00	-2.748207E-02	-4.311625E-05	6.151665E-02
C5	-3.642275E+00	2.062891E-01	3.236442E-04	-4.011951E-02
C6	3.504432E-01	-1.552075E-02	-2.435030E-05	-2.966398E-03
C7	1.012045E-02	3.231308E-03	5.069556E-06	4.919975E-04
C8	-3.456551E-02	-2.667420E-03	-4.184880E-06	1.537701E-04
C9	-4.591571E-04	-4.692863E-04	-7.362569E-07	1.478756E-04
C10	-2.649372E-03	7.757521E-04	1.217067E-06	-1.747782E-05

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature